

Message

---

**From:** Herrera, Angeles [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8AA7EA9BF6C74F0783906F40A4252630-AHERRERA]  
**Sent:** 7/12/2016 5:12:47 PM  
**To:** Kwok, Frances [Kwok.Frances@epa.gov]  
**Subject:** FW: How did the call with Phil go?  
**Attachments:** table\_1\_-\_arizona\_salinity\_data\_2 (002).pdf; chart\_2 (002) - Williams regional salinity.pdf

Please print for my Williams s012 file. Thanks.

---

**From:** d'Almeida, Carolyn K.  
**Sent:** Tuesday, July 12, 2016 9:08 AM  
**To:** Henning, Loren <Henning.Loren@epa.gov>; Herrera, Angeles <Herrera.Angeles@epa.gov>  
**Cc:** Butler, Thomas <Butler.Thomas@epa.gov>; Levine, Herb <Levine.Herb@epa.gov>  
**Subject:** How did the call with Phil go?

See comments below from our EBR expert on EBR milestones AF included on Branch Chiefs presentation. Not sure what the milestones are based upon, appears they just pulled them out of the air. Without baseline characterization, the milestones are meaningless.

The amount of sodium sulfate they are planning to use will turn the water brackish. Based upon regional groundwater data Wayne sent over (see attached), the area around Williams (Higley Basin) already has some of the highest TDS levels in the state, and we don't know why; could be due to reasons AF has not disclosed. This will make regional groundwater quality a whole lot worse.

---

**From:** d'Almeida, Carolyn K.  
**Sent:** Tuesday, July 12, 2016 8:42 AM  
**To:** 'Dan Pope' <DPope@css-dynamac.com>; Davis, Eva <Davis.Eva@epa.gov>  
**Cc:** Wayne Miller <Miller.Wayne@azdeq.gov>  
**Subject:** RE: Tentative -Williams AFB ST012

Thanks Dan - so if you pick and choose your sample points you can get the data to show whatever you want – that's not acceptable. That's why they have to establish a base line and select consistent monitoring points.

But I have a big problem with dispersing over 200,000 gallons of jet fuel in Phoenix, the land of 10 mile long groundwater plumes!

---

**From:** Dan Pope [mailto:DPope@css-dynamac.com]  
**Sent:** Tuesday, July 12, 2016 6:35 AM  
**To:** d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>; Davis, Eva <Davis.Eva@epa.gov>  
**Subject:** RE: Tentative -Williams AFB ST012

I might also note that Eva's discussion of drawing contour lines, varying sampling points, and etc., is quite pertinent to this "meeting milestones" discussion. Where samples are taken, consistency of sampling locations, and so on, can markedly affect any derivative numbers (COC averages, contours, etc.) used for decisions/presentations, modeling, etc..

---

**From:** d'Almeida, Carolyn K. [<mailto:dAlmeida.Carolyn@epa.gov>]

**Sent:** Monday, July 11, 2016 4:13 PM

**To:** Davis, Eva; Dan Pope

**Cc:** Henning, Loren; Levine, Herb

**Subject:** FW: Tentative -Williams AFB ST012

Eva/Dan

Attached are slides from Phil Mooks meeting with Branch Chiefs. Of particular interest, see slide 16. AF is not inserting milestones into the workplan that weren't in the March15 draft. Do you think these milestones are achievable? Do we even have enough data at present to determine if they are achievable? How will we know if concentrations are decreasing via degradation vs via advection and dispersion?

---

**From:** d'Almeida, Carolyn K.

**Sent:** Monday, July 11, 2016 11:38 AM

**To:** Herrera, Angeles <[Herrera.Angeles@epa.gov](mailto:Herrera.Angeles@epa.gov)>

**Cc:** Butler, Thomas <[Butler.Thomas@epa.gov](mailto:Butler.Thomas@epa.gov)>; Henning, Loren <[Henning.Loren@epa.gov](mailto:Henning.Loren@epa.gov)>; Levine, Herb <[Levine.Herb@epa.gov](mailto:Levine.Herb@epa.gov)>

**Subject:** RE: Tentative -Williams AFB ST012

Angeles

My comments attached. Good luck on your call

I will update the chronology. Did you have any other comments on it?

Carolyn

---

**From:** Herrera, Angeles

**Sent:** Monday, July 11, 2016 10:33 AM

**To:** d'Almeida, Carolyn K. <[dAlmeida.Carolyn@epa.gov](mailto:dAlmeida.Carolyn@epa.gov)>

**Cc:** Butler, Thomas <[Butler.Thomas@epa.gov](mailto:Butler.Thomas@epa.gov)>; Henning, Loren <[Henning.Loren@epa.gov](mailto:Henning.Loren@epa.gov)>; Levine, Herb <[Levine.Herb@epa.gov](mailto:Levine.Herb@epa.gov)>

**Subject:** FW: Tentative -Williams AFB ST012

Hi Carolyn,

Please review the attached presentation and provide me with your comments.

Also, Thanks for putting the ST12 shutdown chronology of events. Can you please take it back to dates when the original ROD was signed, Disputed, resolved, amended, AF provided workplans for the RD and RA. Thanks.

---

**From:** MOOK, PHILIP H JR GS-15 USAF AFCEC AFCEC/CIBW [<mailto:philip.mook@us.af.mil>]

**Sent:** Monday, July 11, 2016 7:56 AM

**To:** Herrera, Angeles <[Herrera.Angeles@epa.gov](mailto:Herrera.Angeles@epa.gov)>; Tina LePage <[LePage.Tina@azdeq.gov](mailto:LePage.Tina@azdeq.gov)>

**Cc:** Henning, Loren <[Henning.Loren@epa.gov](mailto:Henning.Loren@epa.gov)>

**Subject:** RE: Tentative -Williams AFB ST012

Dear Ms. Herrera and Ms. LePage,

I request the opportunity to present the attached slides at today's teleconference. I'll take no longer than 15 minutes to do so.

Thanks,

<<...>>

//SIGNED//

Philip H. Mook, Jr., P.E.

BRAC Program Management/Western Region

Air Force Civil Engineer Center

3411 Olson Street

McClellan, CA 95652-1003

916.643.1250 x 100

916.203.2539 (cell)

-----Original Appointment-----

**From:** Kwok, Frances [<mailto:Kwok.Frances@epa.gov>] **On Behalf Of** Herrera, Angeles

**Sent:** Tuesday, July 05, 2016 3:26 PM

**To:** Herrera, Angeles; MOOK, PHILIP H JR GS-15 USAF AFCEC AFCEC/CIBW; Tina LePage

**Subject:** Tentative -Williams AFB ST012

**When:** Monday, July 11, 2016 2:00 PM-3:30 PM (UTC-08:00) Pacific Time (US & Canada).

**Where:** R9SF-ConferenceLine-SFD-Card2; R9SF-VTCRoom-10111-20-GrandCanyon

**Dial-In Number: (866)299-3188**

**Conference Code: 4159722020**